APPROVED
BY | CLASS | SUBCLASS
DRAFTSMAN | 800 | 6



EXPRESS MAIL
NO. EI125455694US

6657103

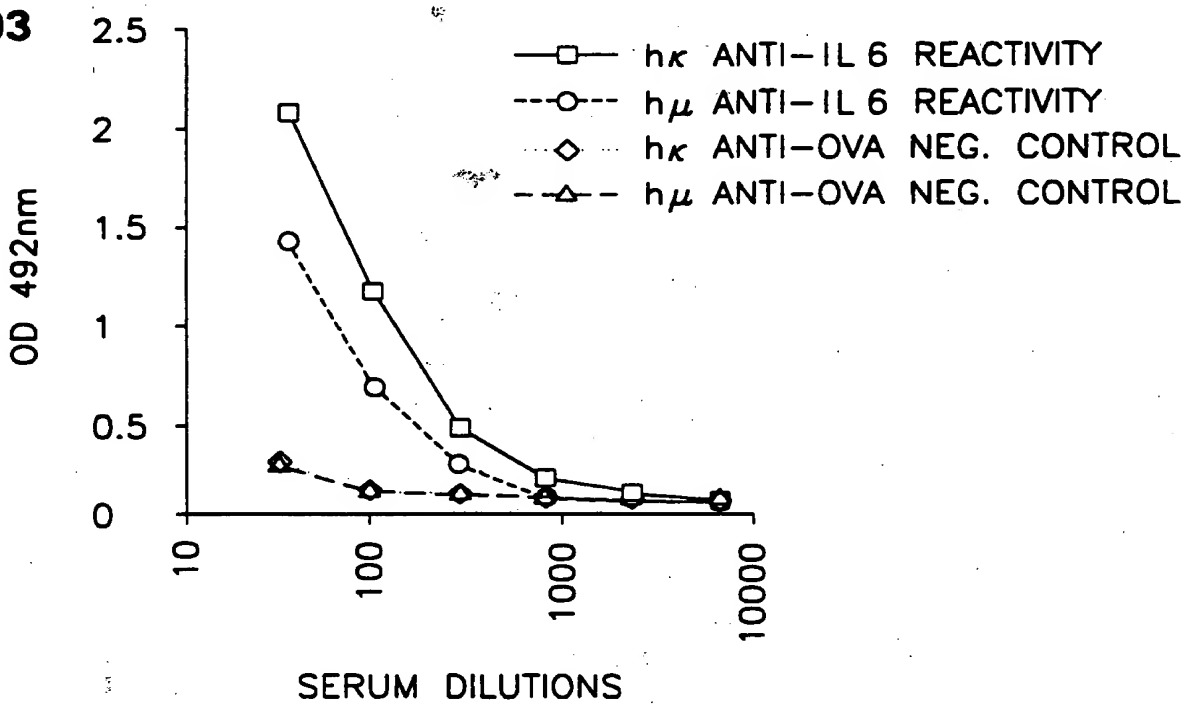


FIG. 1

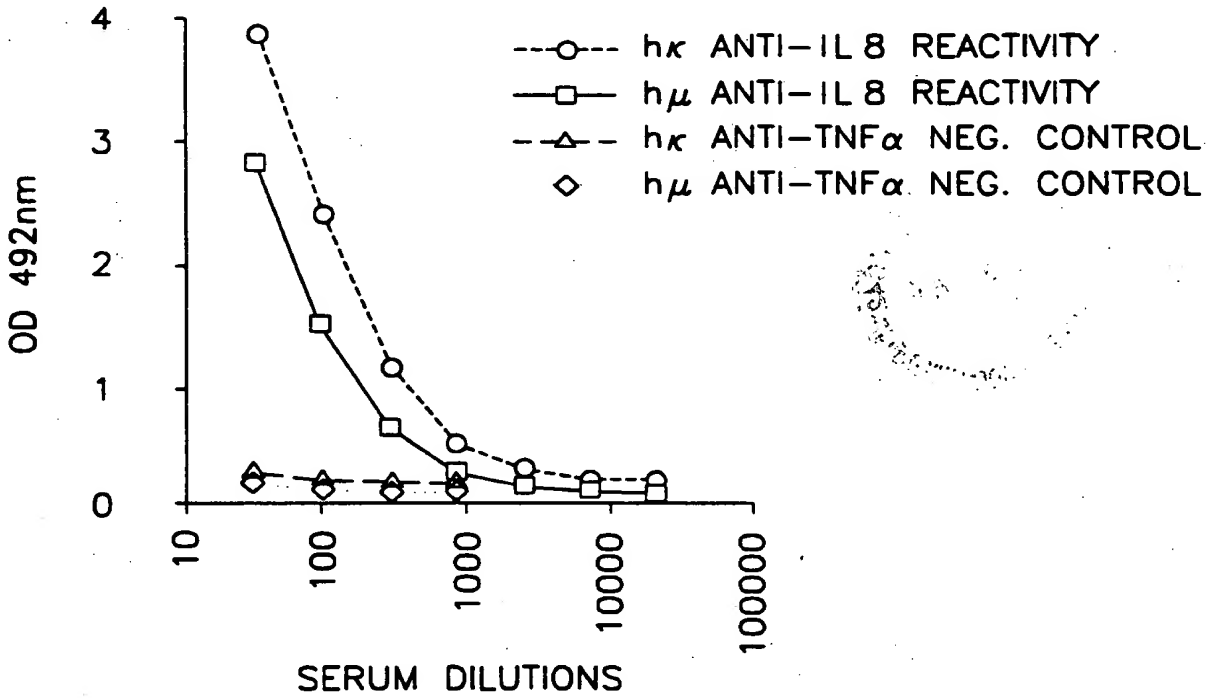


FIG. 2

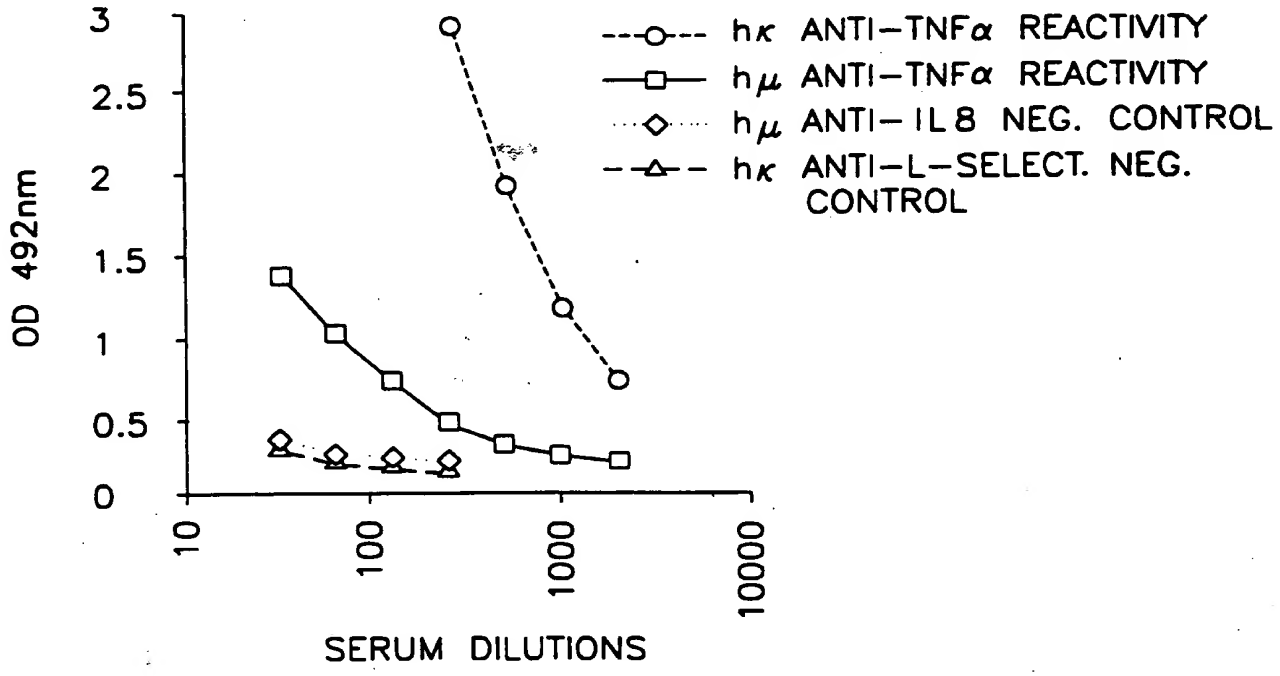
hκ ANTI–TNFα REACTIVITY
hμ ANTI–TNFα REACTIVITY
hμ ANTI–IL8 NEG. CONTROL
hκ ANTI–L–SELECT. NEG. CONTROL
OD 492nm
3
2.5
2
1.5
1
0.5
0
10
100
1000
10000
SERUM DILUTIONS

FIG. 3

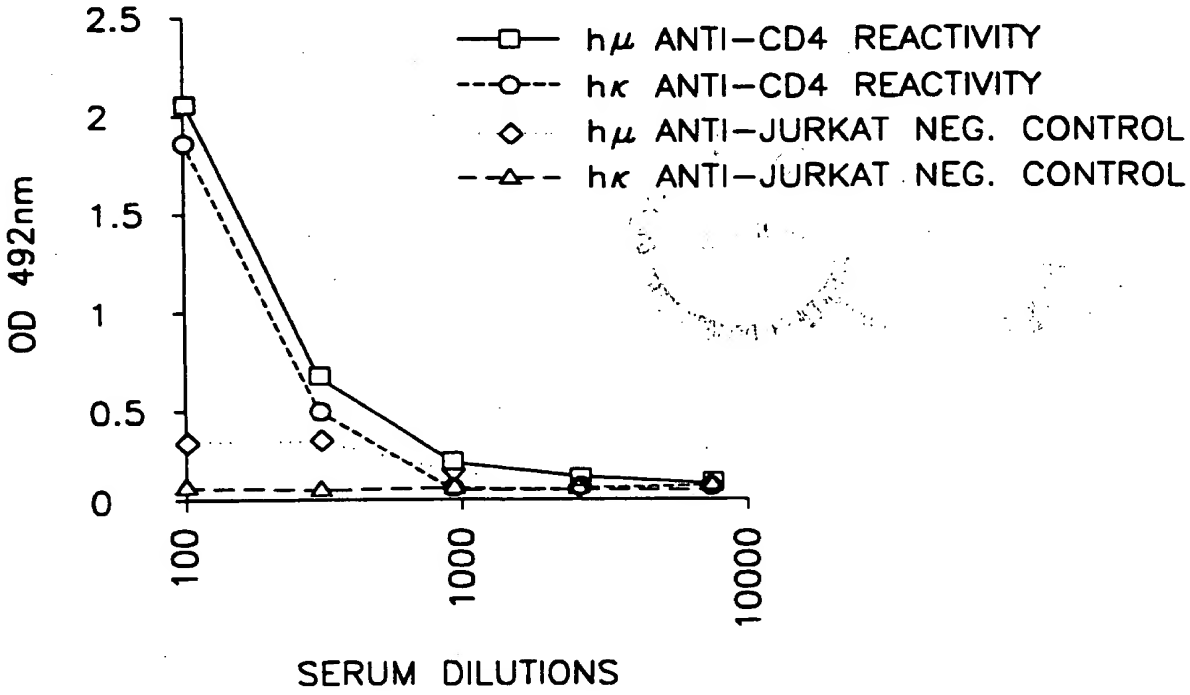
hμ ANTI–CD4 REACTIVITY
hκ ANTI–CD4 REACTIVITY
hμ ANTI–JURKAT NEG. CONTROL
hκ ANTI–JURKAT NEG. CONTROL
OD 492nm
2.5
2
1.5
1
0.5
0
100
1000
10000
SERUM DILUTIONS

FIG. 4

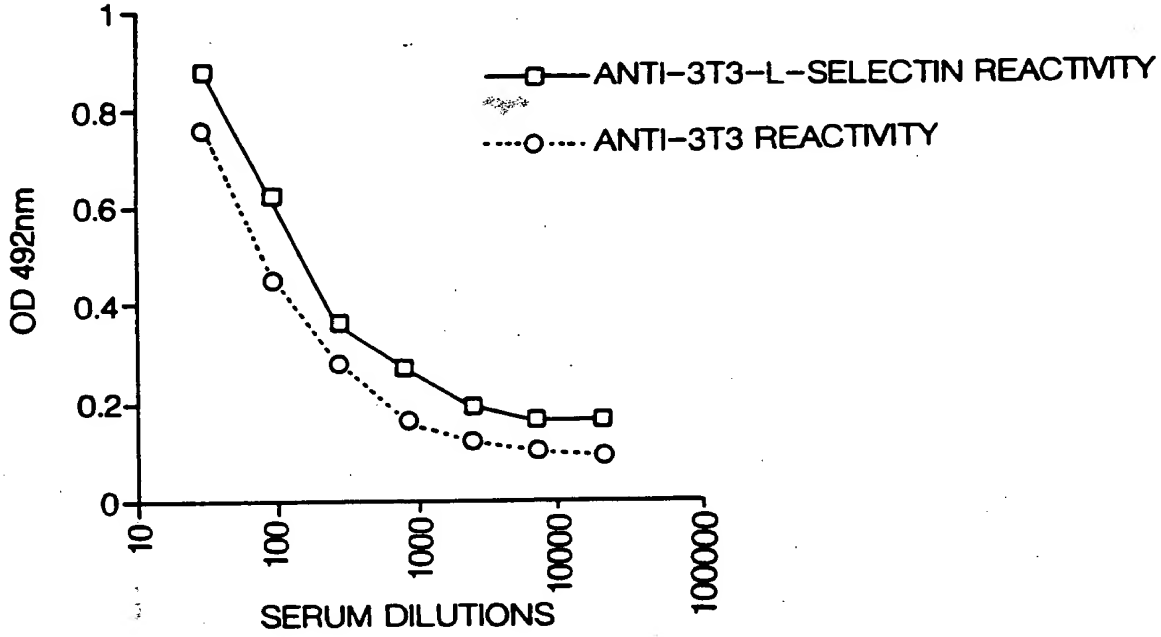
ANTI-3T3-L-SELECTIN REACTIVITY
ANTI-3T3 REACTIVITY
OD 492nm
1
0.8
0.6
0.4
0.2
0
10
100
1000
10000
100000
SERUM DILUTIONS

FIG. 5

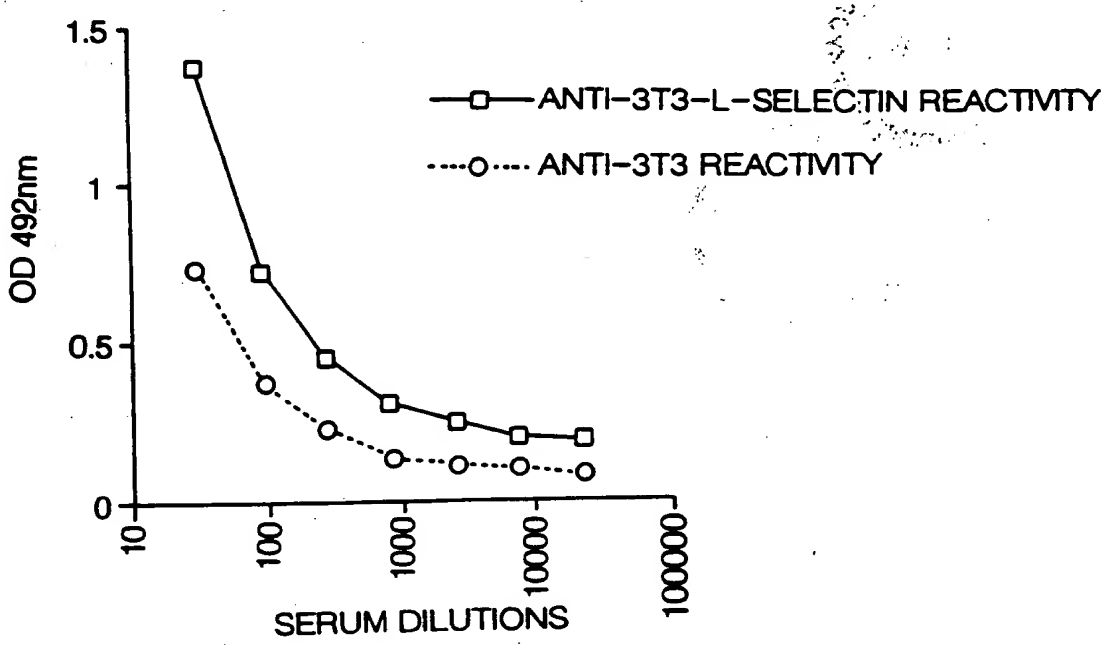
ANTI-3T3-L-SELECTIN REACTIVITY
ANTI-3T3 REACTIVITY
OD 492nm
1.5
1
0.5
0
10
100
1000
10000
100000
SERUM DILUTIONS

FIG. 6

BY
DRAFTSMAN
CLASS
SUBCLASS



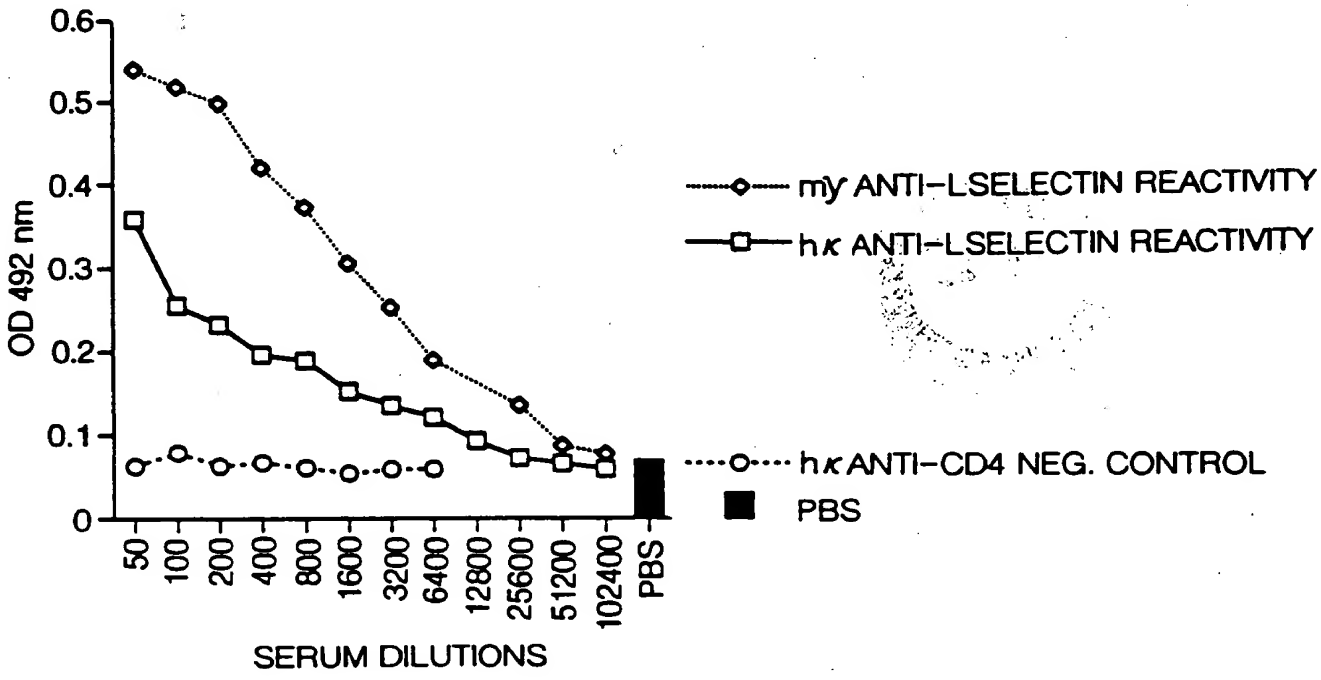


FIG. 7

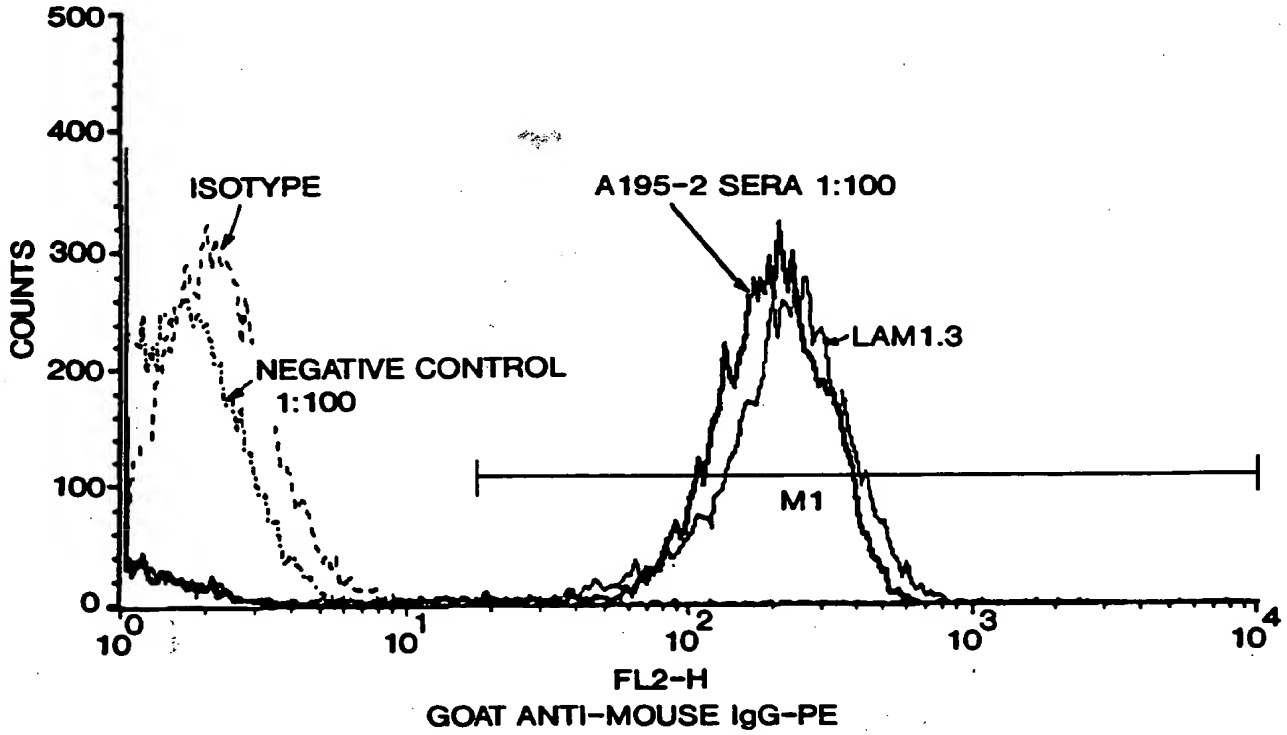
500
400
300
200
100
0
COUNTS
ISOTYPE
A195-2 SERA 1:100
LAM1.3
NEGATIVE CONTROL
1:100
M1
10^0
10^1
10^2
10^3
10^4
FL2-H
GOAT ANTI-MOUSE IgG-PE

FIG. 8

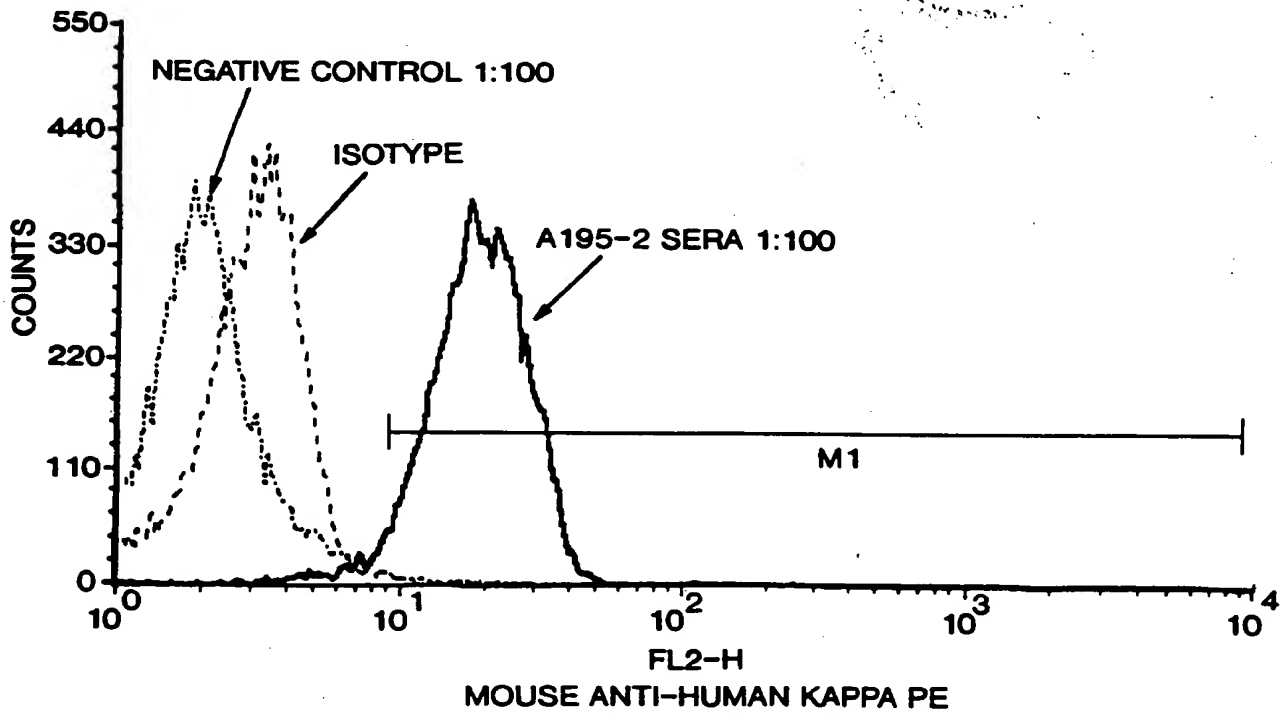
550
440
330
220
110
0
COUNTS
NEGATIVE CONTROL 1:100
ISOTYPE
A195-2 SERA 1:100
M1
10^0
10^1
10^2
10^3
10^4
FL2-H
MOUSE ANTI-HUMAN KAPPA PE

FIG. 9

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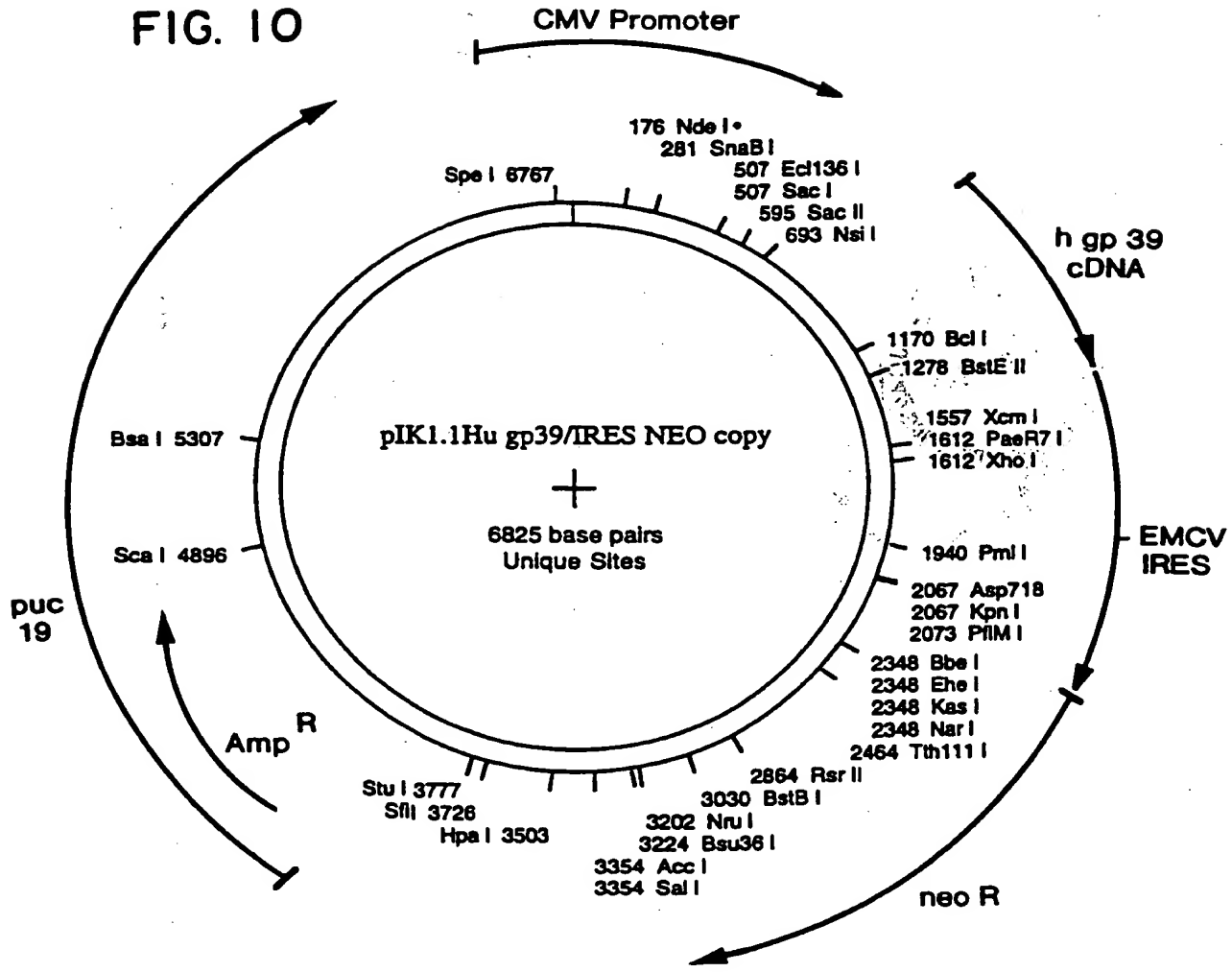
FIG. 10



BY
DRAFTSMAN



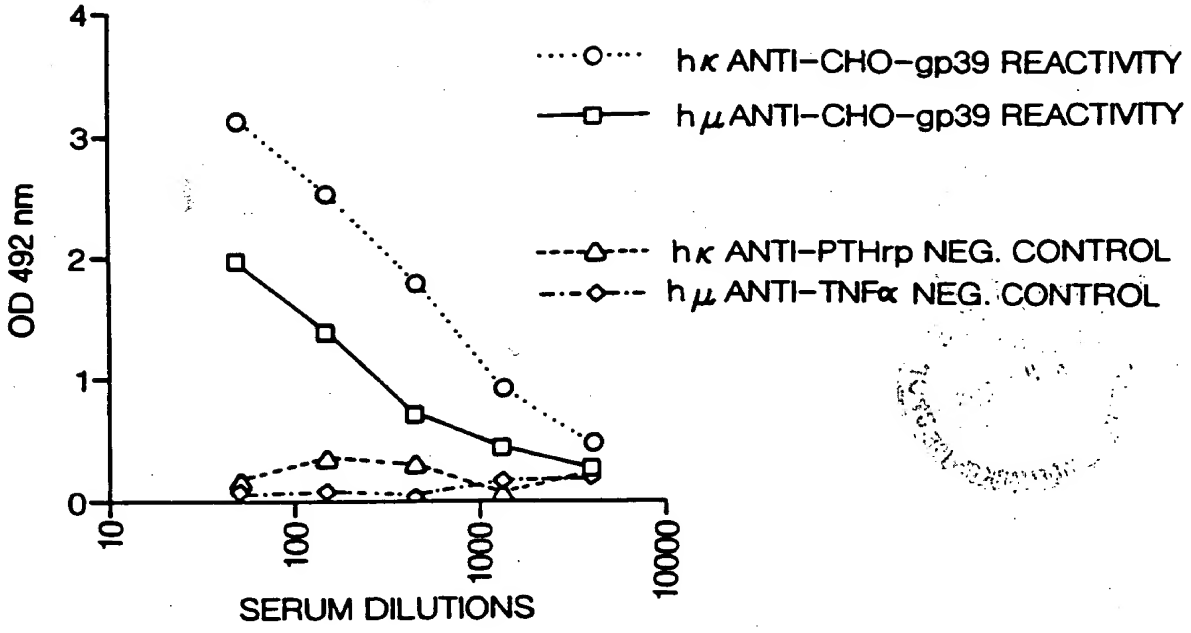



FIG. 11

BY CLASS SUBCLASS
DRAFTSMAN



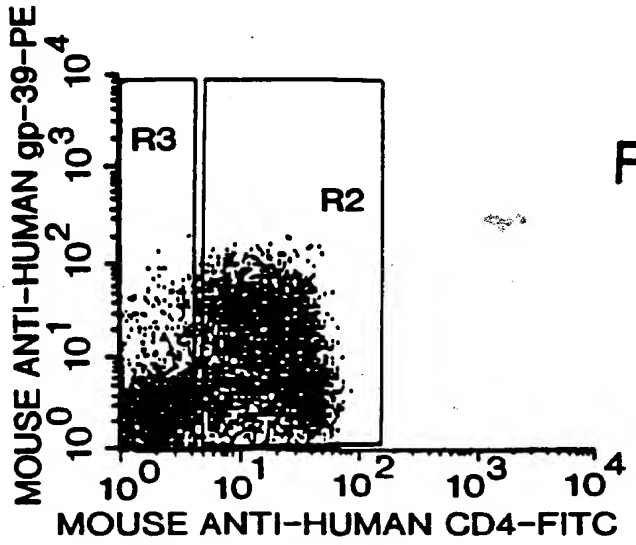



FIG. 12A

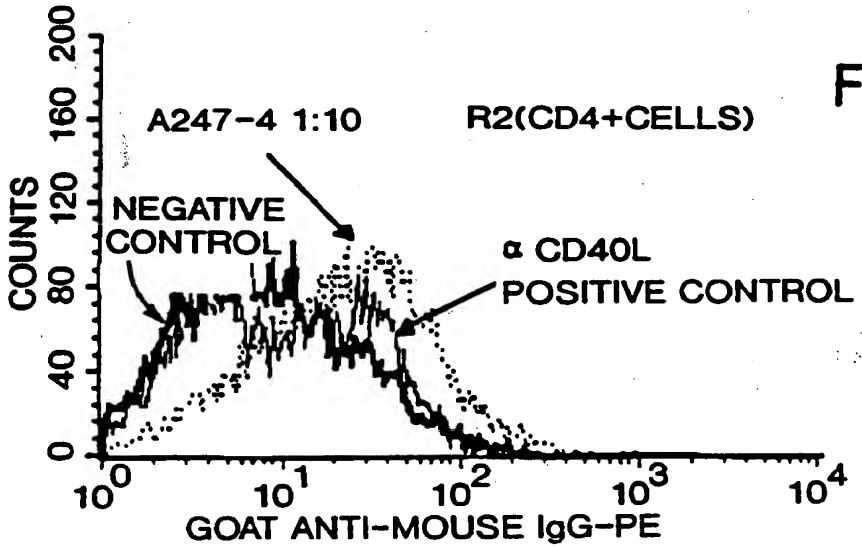



FIG. 12B

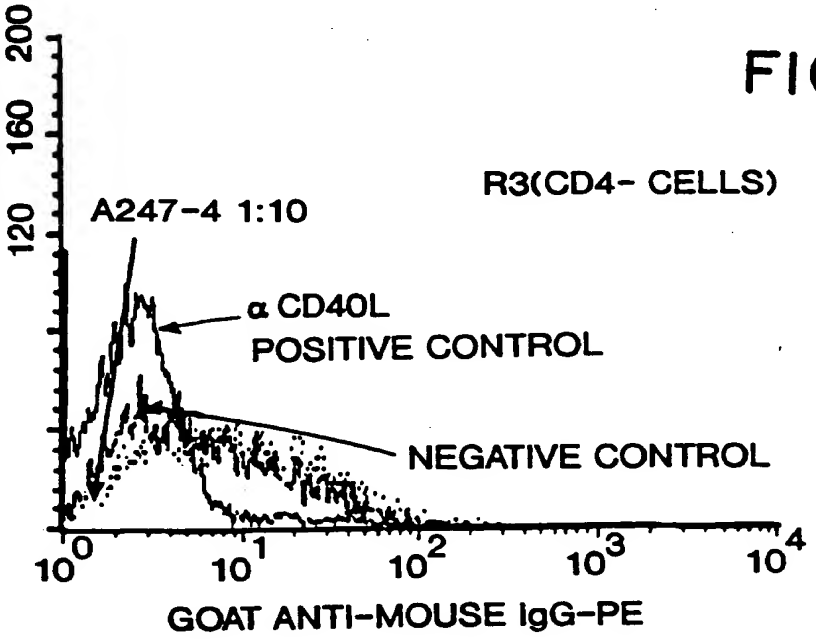



FIG. 12C

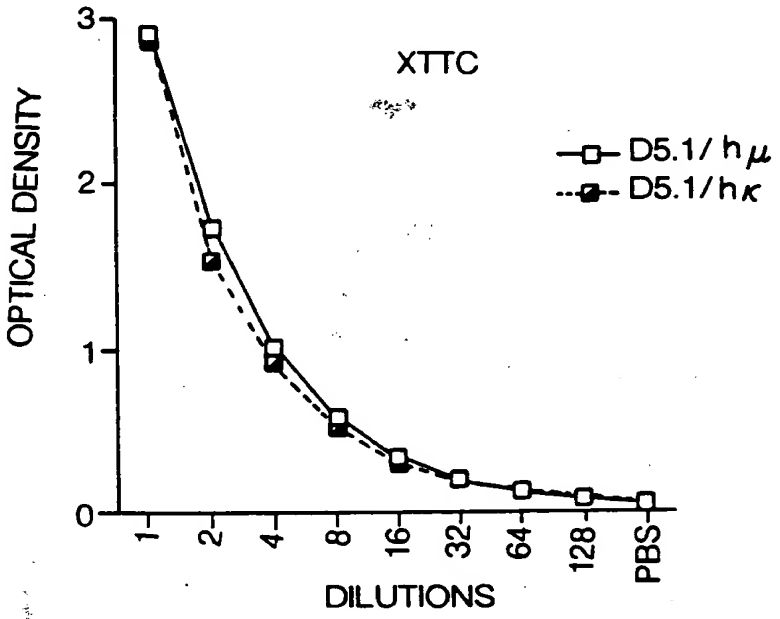

XTTC
OPTICAL DENSITY
3
2
1
0
D5.1/hμ
D5.1/hκ
1
2
4
8
16
32
64
128
PBS
DILUTIONS

FIG. 13

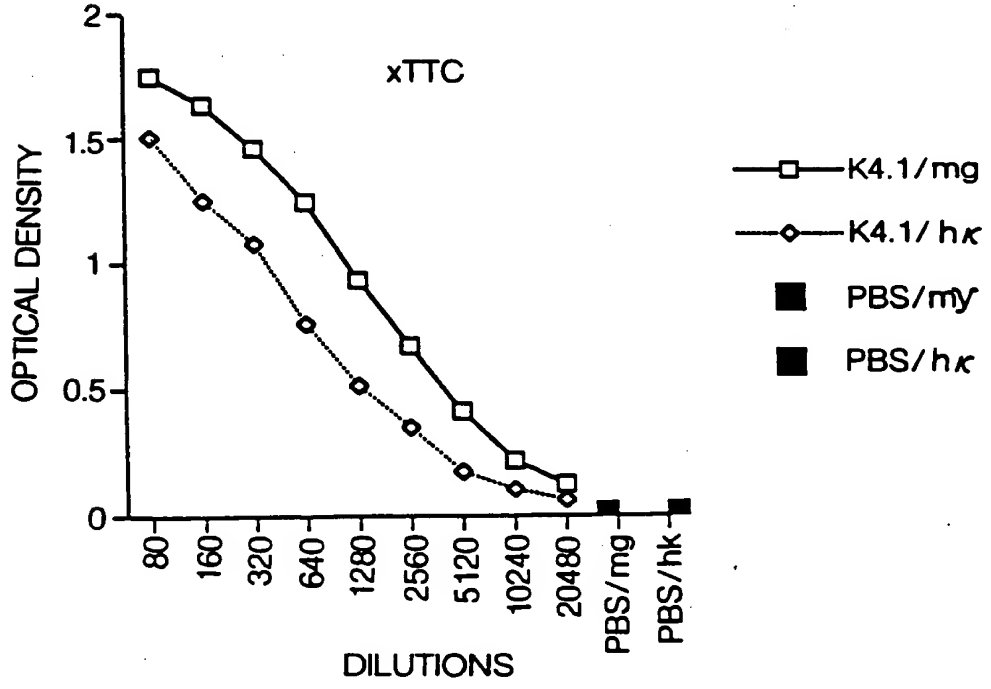

xTTC
OPTICAL DENSITY
2
1.5
1
0.5
0
K4.1/mg
K4.1/hκ
PBS/mγ
PBS/hκ
80
160
320
640
1280
2560
5120
10240
20480
PBS/mg
PBS/hk
DILUTIONS

FIG. 14

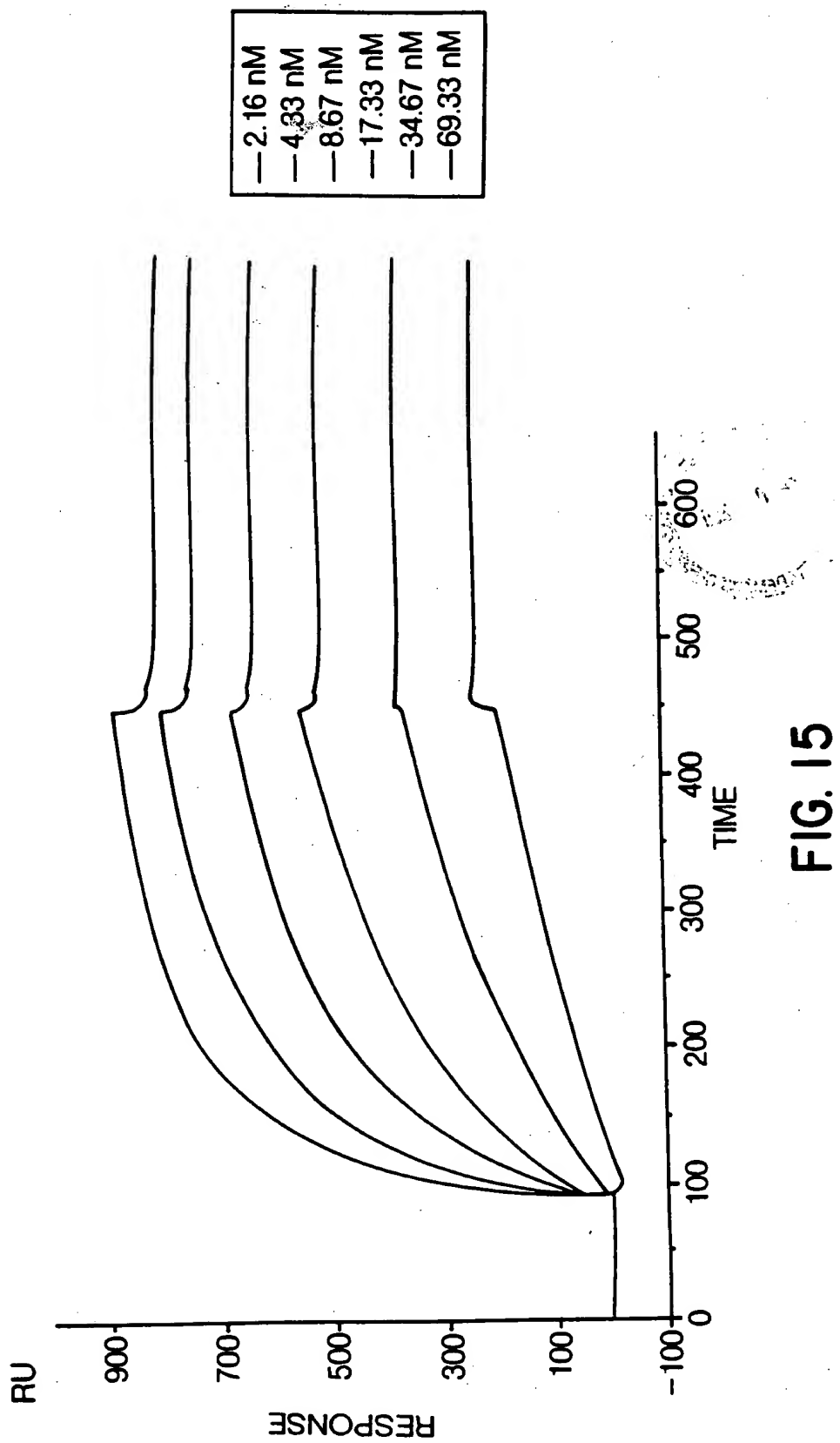

2.16 nM
4.33 nM
8.67 nM
17.33 nM
34.67 nM
69.33 nM
RESPONSE
RU
900
700
500
300
100
-100
0
100
200
300
400
500
600
TIME

FIG. 15

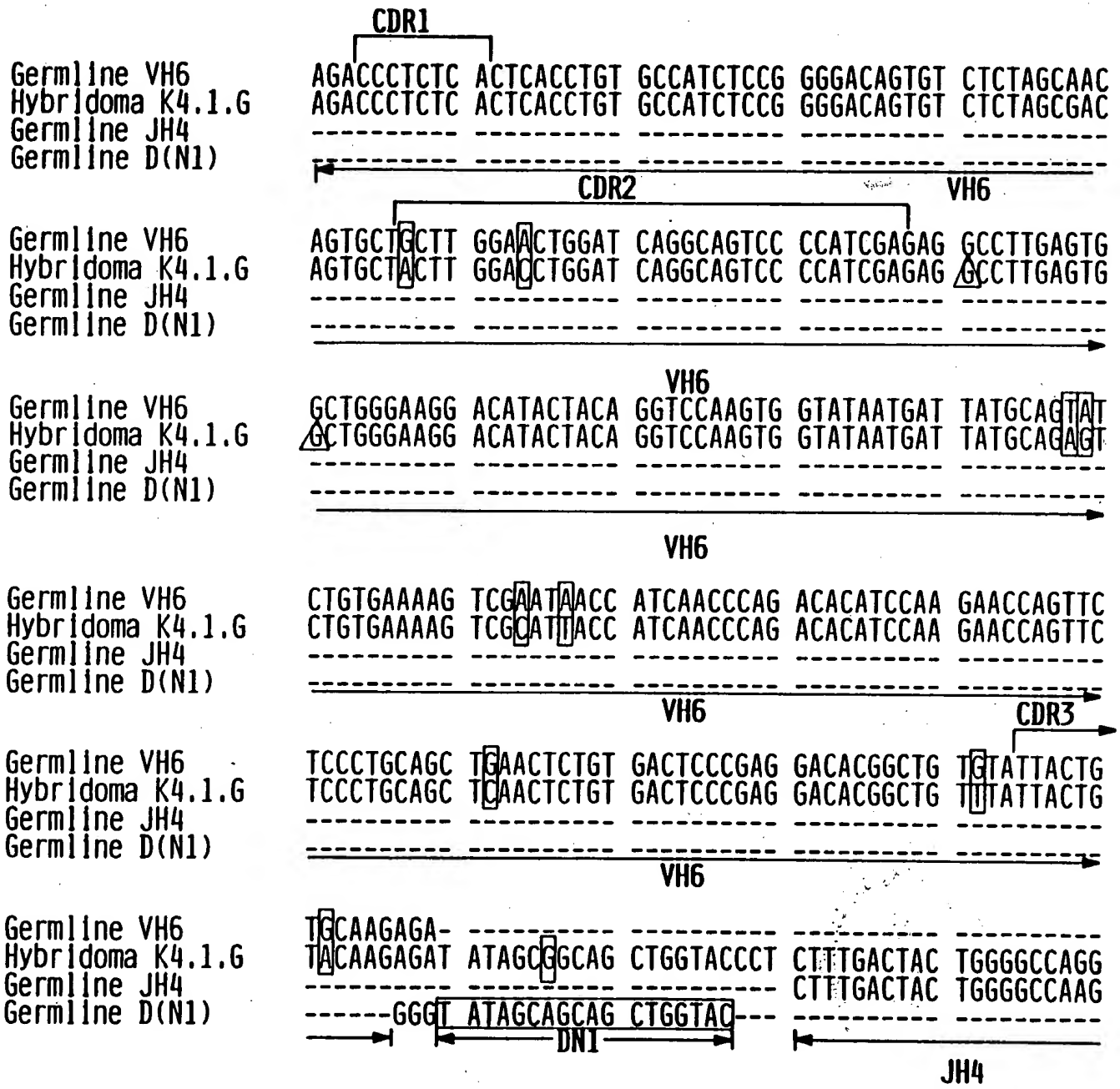



FIG. 16A

Title: GENERATION OF XENOGENIC ANTIBODIES
Applicant: Kucherlapati, et al.
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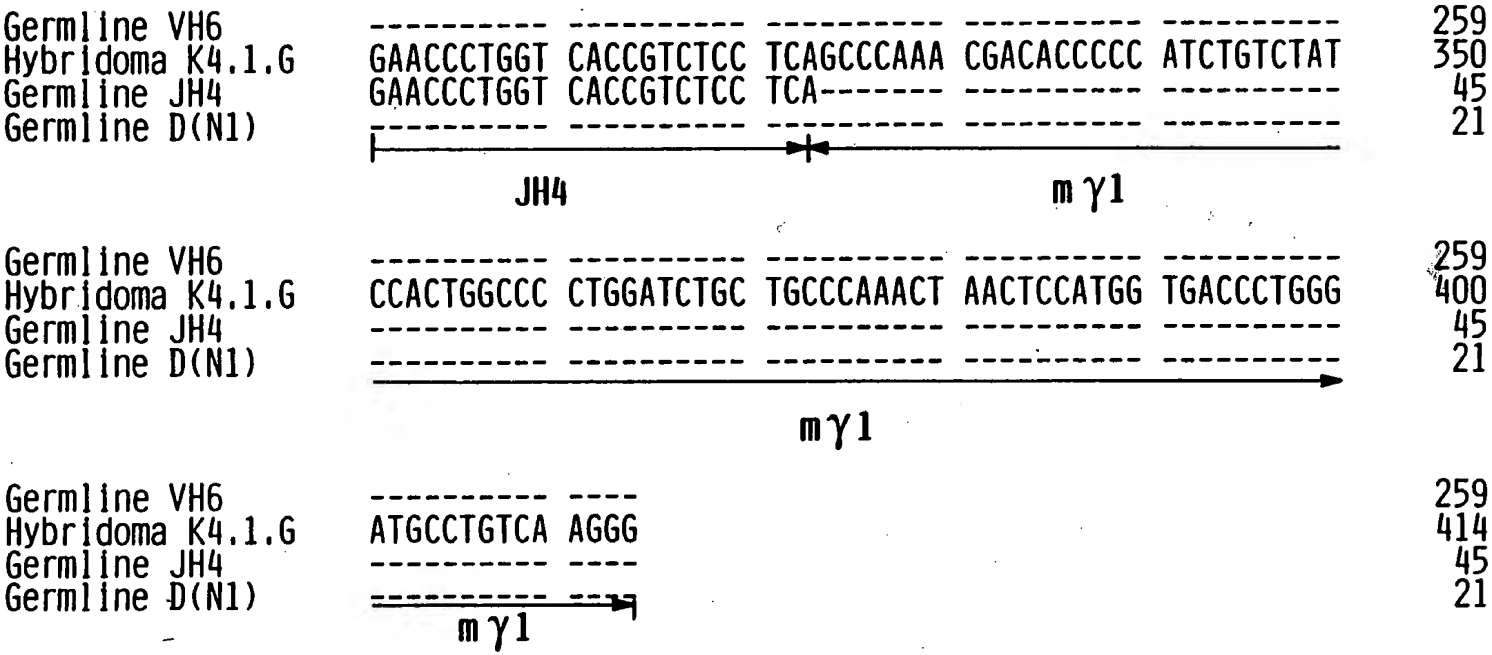
Germline VH6 ---------- ---------- ---------- ---------- ---------- 259
Hybridoma K4.1.G GAACCCTGGT CACCGTCTCC TCAGCCCAAA CGACACCCCC ATCTGTCTAT 350
Germline JH4 GAACCCTGGT CACCGTCTCC TCA------- ---------- ---------- 45
Germline D(N1) ---------- ---------- ---------- ---------- ---------- 21
JH4
mγ1
Germline VH6 ---------- ---------- ---------- ---------- ---------- 259
Hybridoma K4.1.G CCACTGGCCC CTGGATCTGC TGCCCAAACT AACTCCATGG TGACCCTGGG 400
Germline JH4 ---------- ---------- ---------- ---------- ---------- 45
Germline D(N1) ---------- ---------- ---------- ---------- ---------- 21
mγ1
Germline VH6 ---------- ---- 259
Hybridoma K4.1.G ATGCCTGTCA AGGG 414
Germline JH4 ---------- ---- 45
Germline D(N1) ---------- ---- 21
mγ1

FIG. 16B

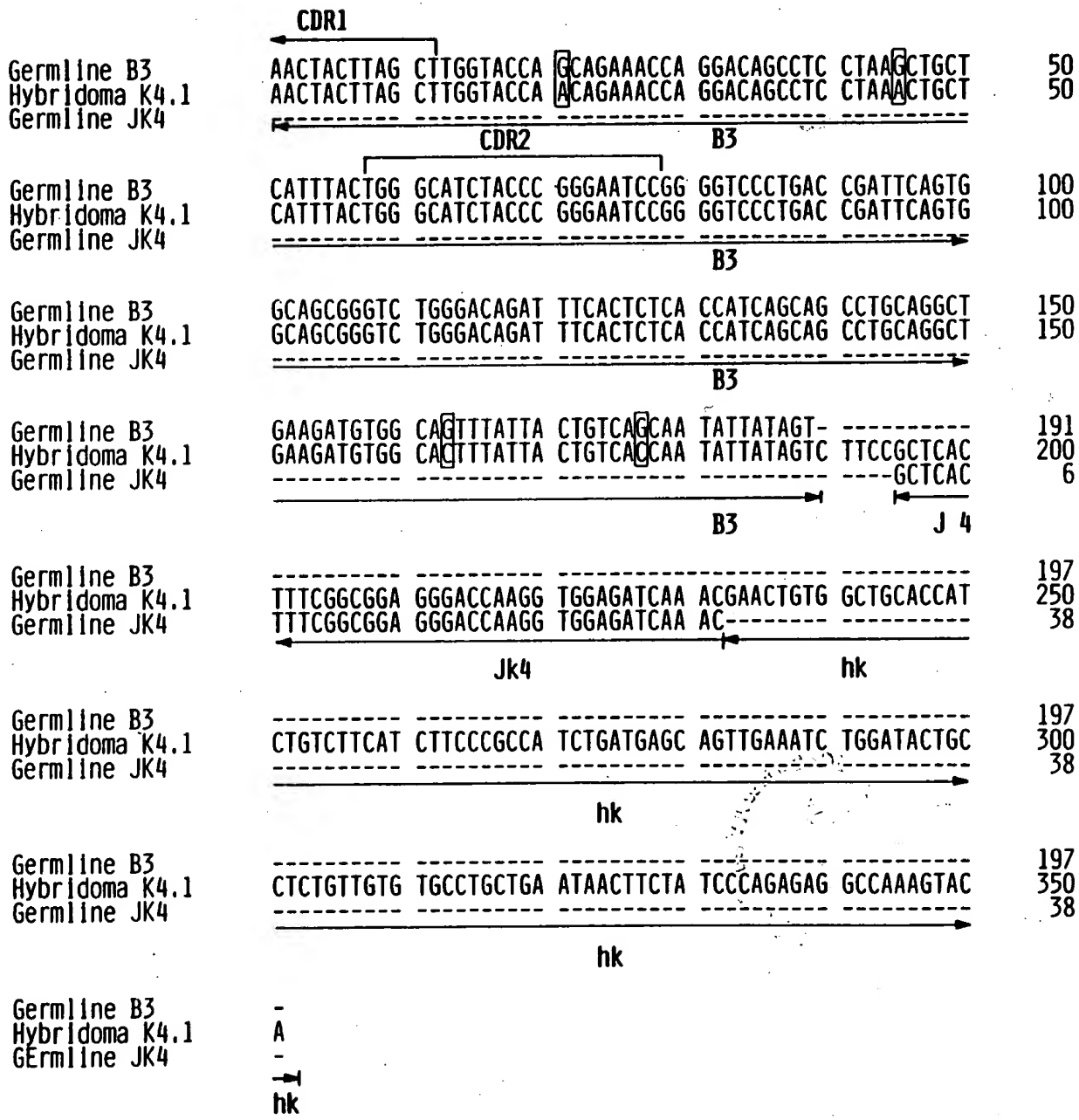


FIG. 17

DRAFTSMAN
BY

DRAFTSMAN BY



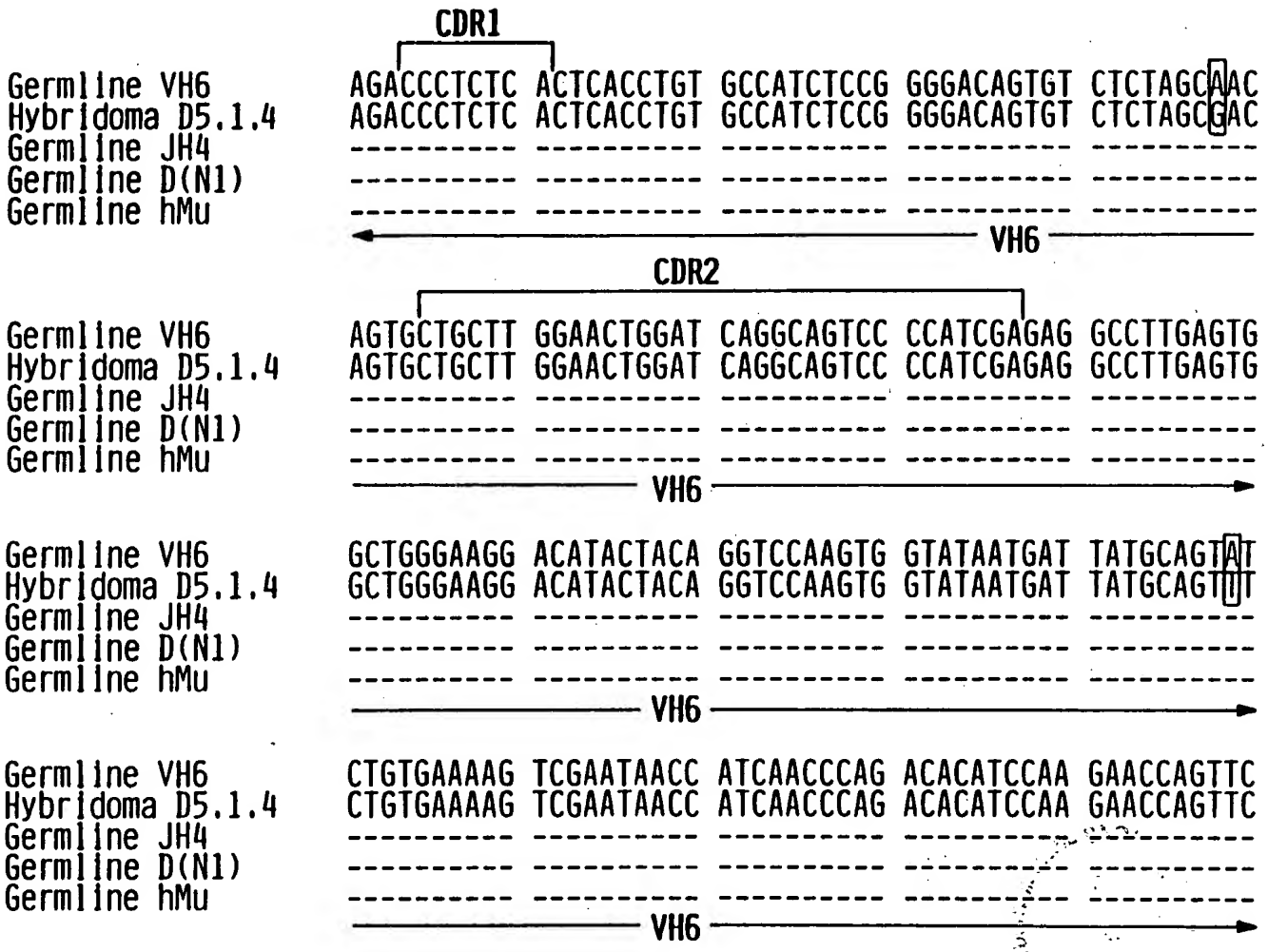


FIG. 18A

DRAFTSMAN



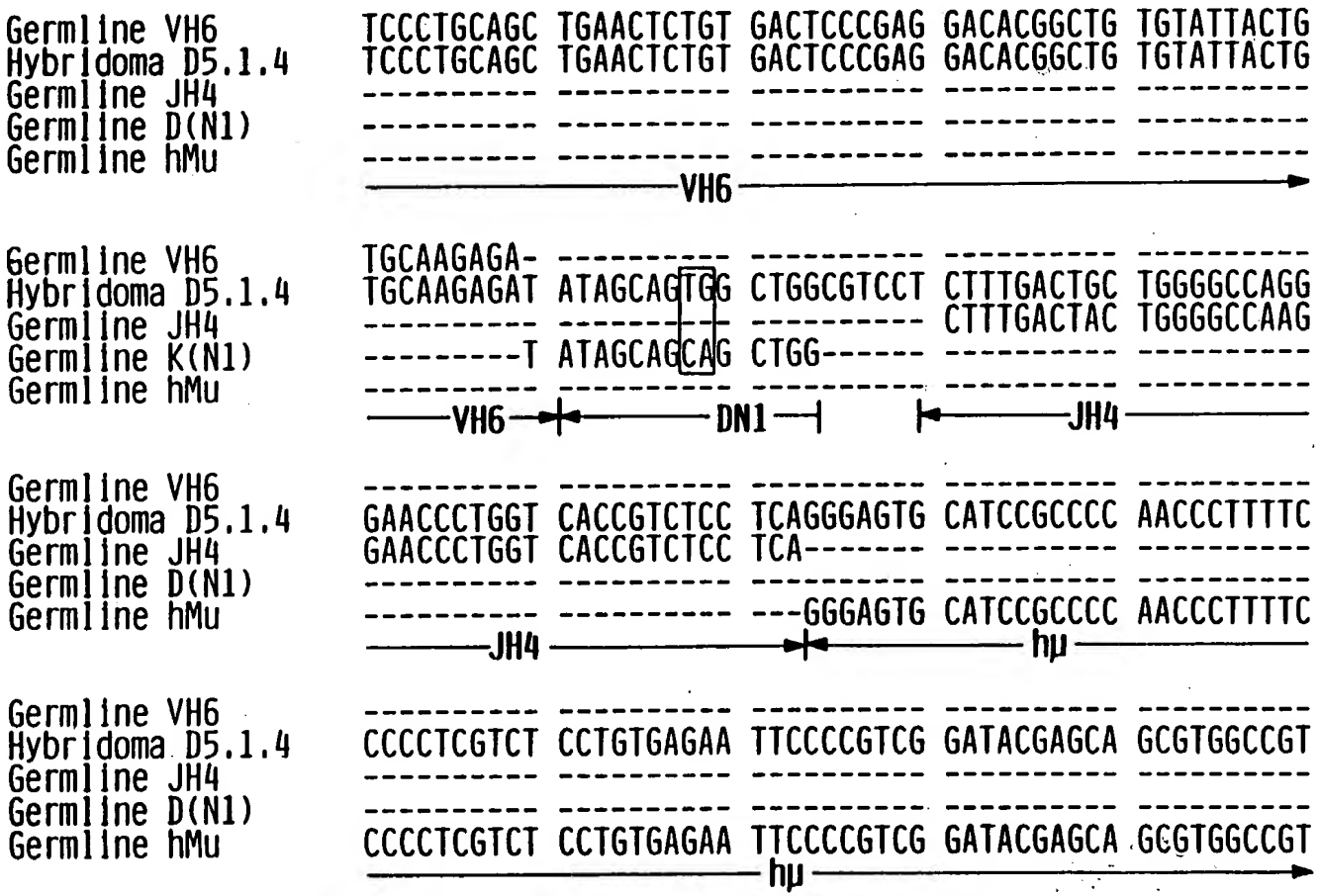


FIG. 18B

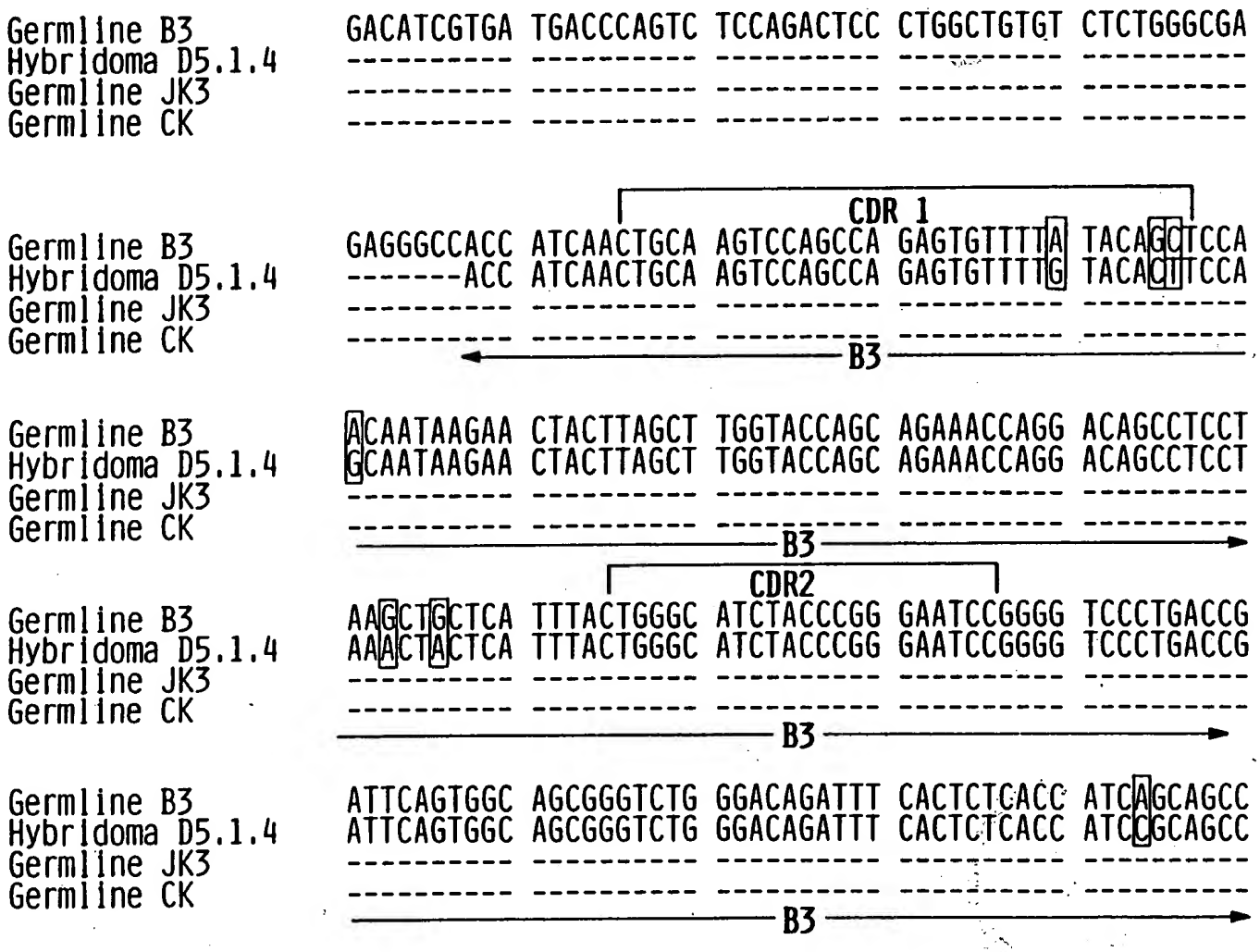
Germline B3 GACATCGTGA TGACCCAGTC TCCAGACTCC CTGGCTGTGT CTCTGGGCGA
Hybridoma D5.1.4 ---------- ---------- ---------- ---------- ----------
Germline JK3 ---------- ---------- ---------- ---------- ----------
Germline CK ---------- ---------- ---------- ---------- ----------
CDR 1
Germline B3 GAGGGCCACC ATCAACTGCA AGTCCAGCCA GAGTGTTTTA TACAGCTCCA
Hybridoma D5.1.4 -------ACC ATCAACTGCA AGTCCAGCCA GAGTGTTTTG TACACTTCCA
Germline JK3 ---------- ---------- ---------- ---------- ----------
Germline CK ---------- ---------- ---------- ---------- ----------
B3
Germline B3 ACAATAAGAA CTACTTAGCT TGGTACCAGC AGAAACCAGG ACAGCCTCCT
Hybridoma D5.1.4 GCAATAAGAA CTACTTAGCT TGGTACCAGC AGAAACCAGG ACAGCCTCCT
Germline JK3 ---------- ---------- ---------- ---------- ----------
Germline CK ---------- ---------- ---------- ---------- ----------
B3
CDR2
Germline B3 AAGCTGCTCA TTTACTGGGC ATCTACCCGG GAATCCGGGG TCCCTGACCG
Hybridoma D5.1.4 AAACTACTCA TTTACTGGGC ATCTACCCGG GAATCCGGGG TCCCTGACCG
Germline JK3 ---------- ---------- ---------- ---------- ----------
Germline CK ---------- ---------- ---------- ---------- ----------
B3
Germline B3 ATTCAGTGGC AGCGGGTCTG GGACAGATTT CACTCTCACC ATCAGCAGCC
Hybridoma D5.1.4 ATTCAGTGGC AGCGGGTCTG GGACAGATTT CACTCTCACC ATCCGCAGCC
Germline JK3 ---------- ---------- ---------- ---------- ----------
Germline CK ---------- ---------- ---------- ---------- ----------
B3

FIG. 19A

FIG. 19B

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